

ABSTRACT OF THE INVENTION

A method and apparatus for molding a reproducible uniform concrete test cylinder using a standard concrete test cylinder mold. Concrete is poured into the concrete test cylinder mold to a point where the poured concrete extends above a top portion of the concrete test cylinder mold. A cap having at least one radial trough and at least one excretion hole is placed on the top portion of the concrete test cylinder mold. The cap is manually pressed and rotated against the top portion of the concrete test cylinder mold thereby channeling excess concrete through the radial troughs for excretion through the excretion hole in the cap. In addition, the radial trough smooths the surface of the poured concrete within the concrete test cylinder mold. Prior to the initial set of the concrete in the concrete test cylinder mold, the cap is rotated upon the top portion of the concrete test cylinder mold in order to separate the cap from the poured concrete within the concrete test cylinder mold. After the cap is separated from the poured concrete, the poured concrete is allowed to cure within the concrete test cylinder mold for a predetermined time. Then, the cured concrete is removed from the concrete test cylinder mold thereby producing a uniform and reproducible concrete test cylinder.

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